

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/665,350B

DATE: 12/26/2002

TIME: 13:29:55

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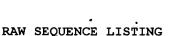
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01.29.02P1618P2C1.txt

Output Set: N:\CRF4\12262002\I665350B.raw

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3 <110> APPLICANT: Genentech, Inc.
         Ashkenazi, Avi
         Botstein, David
 6
         Desnoyers, Luc
 7
         Eaton, Dan L.
 8
         Ferrara, Napoleone
 9
         Filvaroff, Ellen
10
        ·Fong, Sherman
11
         Gao, Wei-Qiang
12
         Gerber, Hanspeter
13
         Gerritsen, Mary E.
14
        Goddard, A.
15
         Godowski, Paul J.
16
         Grimaldi, Christopher J.
17
        Gurney, Austin L.
        Hillan, Kenneth, J.
18
        Kljavin, Ivar J.
19
                                                    ENTERED
20
        Mather, Jennie P.
         Pan, James
21
22
       Paoni, Nicholas F.
23
         Roy, Margaret Ann
         Stewart, Timothy A.
         Tumas, Daniel
26
        Williams, P. Mickey
27
        Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
        Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
34 <140> CURRENT APPLICATION NUMBER: 09/665,350B
35 <141> CURRENT FILING DATE: 2000-09-18
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38 <151> PRIOR FILING DATE: 2000-02-22
40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
41 <151> PRIOR FILING DATE: 1999-07-07
43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
44 <151> PRIOR FILING DATE: 1999-07-26
46 <150> PRIOR APPLICATION NUMBER: US 60/146,222
47 <151> PRIOR FILING DATE: 1999-07-28
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
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53 <151> PRIOR FILING DATE: 1999-09-13
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55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090



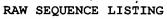
DATE: 12/26/2002 TIME: 13:29:55

PATENT APPLICATION: US/09/665,350B

Input Set : A:\CORRECTED SEQUENCE LISTING FROM 10466.14

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- 115 tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140
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- 118 ggatgccgtc tcctgcagtg gacagcggcg gggagaggct gcctgctctc taacggttga 1320



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01.29.02P1618P2C1.txt

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136	1	5			5	5				10					15		
138	Leu	Leu	Pro	Pro	Ala	Pro	Glu	Ala	Ala	Lys	Lys	Pro	Thr	Pro	Cys	His	
139				20					25					30			
	Arg	Cys	_	Gly	Leu	Val	Asp	_	Phe	Asn	Gln	Gly		Val	Asp	Thr	
142	70 7	T	35	7	Dh	C 1	C1	40	70	m1	20 T _	m	45	6 3	.	m1.	
144	Ата	ьуs . 50	гÀг	Asn	Pne	стА	55	етй	Asn	Thr	Ата	Trp 60	GIU	Glu	ьys	Thr	
	ī.en		Lvs	Tur	Glu	Ser		Glu	Tle	Ara	T.e.11		Glu	Ile	Len	Glu	
148	65	001	טעם	- y -	O.L.u	70	501	014	110	1119	75	пси	Oru	110	пси	80	
		Leu	Cys	Glu	Ser	Ser	Asp	Phe	Glu	Cys		Gln	Met	Leu	Glu		
151	-		-		85		-			90					95		
	Gln	Glu	Glu	His	Leu	Glu	Ala	Trp	Trp	Leu	Gln	Leu	Lys	Ser	Glu	Tyr	
154	_	_		100					105					110			
	Pro	Asp		Phe	Glu	Trp	Phe	_	Val	Lys	Thr	Leu	-	Val	Cys	Cys	
157	Sor	Dro	115	Thr	Фат	Clar	Dro	120	Cvc	T 011	ת ז ה	Cvc	125	Gly	C1.,	Cor	
160	561	130	Gry	1111	туг	Сту	135	лзр	Суз	neu	лта	140	GIII	СТУ	СТУ	Ser	
	Gln		Pro	Cys	Ser	Gly		Gly	His	Cys	Ser		Asp	Gly	Ser	Arg	
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	Cys	Thr	Asp		Met	Asp	Gly	Tyr		Ser	Ser	Leu	Arg	Asn	Glu	Thr	
169 171	Uic	Sor	T10	180	Thr	Nlο	Cuc	7) cm	185	Cor	Cvc	Tuc	Th∽	190 Cys	802	C1	
172	пто		195		1111	мта		200		Ser	Cys	гус	205		ser	GIY	
	Leu				Asp	Cvs				Glu	Val	Glv		Val	Leu	Asp	
175		210		9	P	- 1 -	215		- 1 -			220				L	
177	Glu	Gly	Ala	Cys	Val	Asp	Val	Asp	Glu	Cys	Ala		Glu	Pro	Pro	Pro	
178	225					230					235					240	
	Cys	Ser	Ala	Ala		Phe	Cys	Lys	Asn		Asn	Gly	Ser	Tyr		Cys	
181	0.1	~ 3	_	_	245	_	_		~ "	250					255		
	GLu	GLu	Cys		Ser	Ser	Cys	Val		Cys	Thr	GLy	Glu	Gly	Pro	GLy	
184 186	Aen	Cve	Luc	260	Cve	Tlo	Ser	Glv	265 Tur	7) l s	Δra	C1.,	ніс	270 Gly	G1n	Cvs	
100	. 1011	C Y S	my o	O L U	-y	110		\circ \perp γ	- A -	1110	441.9	OLU	1113	$rac{1}{2}$	OTII	Cys	



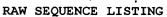


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01.29.02P1618P2C1.txt

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195 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
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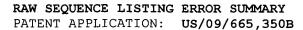
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01.29.02P1618P2C1.txt

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267	Pro 65	rne	TIIL	птэ	нър	70	Arg	гÃ2	AId	GLII	75	Arg	Mec	PLO	Ата	80	
	Pro	V = 1	Aen	Tlo	ніс		Mot	Aen	Dho	Thr		Gln	Δla	7/1 >	Clv		
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_	Ala	Glu	Tvr	Phe		Glu	Phe	Len	Ser		Ara	Ser	Len	Asp		Glv	
273			- 1 -	100	- 1 -	014			105	200	**= 9	001	Dou	110		011	
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278	His	Lys	Ala	Ser	Val	Val	Gln	Val	Gly	Phe	Pro	Cys	Leu	Gly	Lys	Gln	
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285					165					170					175	•	
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	Cys		гàг	Ата	Leu	Cys		Pro	Arg	Cys	Met		GTA	GTA	Leu	Cys	
294	V-1	210	Dro	C1	Dho	C	215	C	Dwo	Dwo	C1	220 Db c	Ф	C1	17.0.1	7.00	•
	Val 225	Inr	PIO	СΤΆ	Pne	230	тте	Cys	Pro	Pro	235	Pne	ryr	GTÀ	val		
	Cys	Λcn	Tuc	712	7) cn		Sor	ሞb ×	Thr	Circ		Λcn	C1 11	C1,,	Thr	240 Cvs	
300		ASP	ьys	MIA	245	_	Ser	1111	1111	250	rne	ASII	СΙУ	СТУ	~	Cys	
	Phe	Тиг	Pro	G1 v			Tlo	Cve	Pro		G1 v	Len	Glu	Gl v	255 Glu	Gln	
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	Cys	Glu	Tle		Lvs	Cvs	Pro	Gln		Cvs	Ara	Asn	Glv		Lvs	Cvs	
	~	Q Q			2,0	O J O		280		O J O	9	11011	285	O ± y	2,0	O _f S	
3U6			275										_ ~ ~				
306 308	Ile	Glv	275 Lvs	Ser	Lvs	Cvs	Lvs	Cvs	Ser	Lvs	Glv	Tvr	Gln	Glv	Asp	Leu	
308	Ile	Gly 290		Ser	Lys	Cys	Lys 295	Cys	Ser	Lys	Gly	Tyr 300	Gln	Gly	Asp	Leu	
308 309		290	Lys				295					300					
308 309 311	Ile Cys 305	290	Lys				295					300					



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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 33,37,80,94,144,188

Seq#:26; N Pos. 21
Seq#:50; N Pos. 61
Seq#:113; N Pos. 1461
Seq#:131; N Pos. 1837
Seq#:174; N Pos. 1683
Seq#:175; Xaa Pos. 539

Seq#:206; N Pos. 973,977,996,1003

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/665,350B

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Output Set: N:\CRF4\12262002\I665350B.raw

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L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:60
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:120
L:520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:180
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:1707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:60
L:3592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:1440
L:4046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:1800
L:5350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174 after pos.:1680
L:5485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175 after pos.:528
L:6546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206 after pos.:960